

THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR: Toshio OOTANI, Eiji OHIRA and Katsuyoshi KITAI

FOR: VISUALIZATION OF MULTI-LAYER NETWORK
TOPOLOGY

Enclosed are:

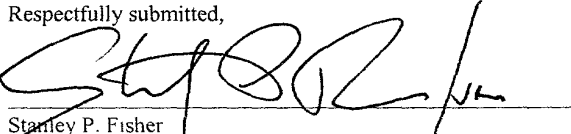
- ☒ 25 sheets of ☐ formal ☐ informal drawings.
- ☒ Transmittal of certified copy of Japanese application P2001-084514 to claim priority date of March 23, 2001.
- ☐ Applicant requests non-publication.
- ☒ An Information Disclosure Statement with PTO Form 1449.
- ☒ An assignment of the invention to Hitachi, Ltd.
- ☒ An Executed Declaration

☒ The filing fee is calculated as shown below:

FOR	NUMBER FILED		NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	20	-20	0	x\$18 =	0.00
INDEPENDENT CLAIMS	3	-3	0	x\$80 =	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$270 =	\$0.00
BASIC FEE					\$710.00
TOTAL OF ABOVE					\$710.00
REDUCTION BY 1/2 FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					
TOTAL					710.00

- ☐ Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the filing and assignment recordation fees. A duplicate copy of this paper is enclosed.
- ☒ A check in the amount of **\$750.00** to cover the filing fee and assignment recordation fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,



Stanley P. Fisher

Registration Number 24,344

JUAN CARLOS A. MARQUEZ
Registration No. 84,072

REED SMITH HAZEL & THOMAS LLP
3110 Fairview Park Drive
Suite 1400
Falls Church, Virginia 22042
(703) 641-4200
August 3, 2001

JC979 U.S. PTO
09/920921
08/03/01

08/03/01
J1059 U.S. PTO

09920921, 080301